HOUSEHOLD AIKALINE WATER MAKING MACHINE

NO : 1BZSMO-0000053A2

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Thank you very much for purchasing household alkaline water making machine. In order to operate the machine rightly and expertly,please read the user manual in detail before operating,and keep the guarantee card properly.

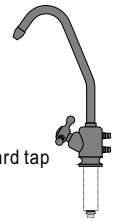
Attention!

The use of information in the manual is subject to change without notice!

manufacturer or dealer is not responsible for error or omission, in this manual nor for any action that could lead the implementation of this manual or the use of the inevitability of the circumstances responsible for the damage!

Annex

In order to smoothly operate the machine, please verify the gadgets as follows.
In case of shortage, please ask for return from the company or exclusive shop.

Installation accessories	Other gadgets
 Standard tap 3 Water Hose magnetizer (only for magnetizing series) Metal Clamp（2pcs）	Screw(2pcs) Plastic stopper（2pcs）
Expendable	**File**
pH reagent（1pcs）	Instruction sheet

Paying attention to

In order to operate the machine better and prevent accidents, please comply with the items as follows:

Warning	**Prohibition**
Notice	**Safety Precaution**

(2)There is some water in the LCD
If you remove ultra-filter when the tap is not turned off ,it is possible that the LCD will and it will cause the LCD is not controlled and the LCD will not show anything .If so you will turn off the tap and cut off power supply ,remove ultra-filter and make the LCD dry .If the LCD still does not work ,return the machine to your supplier .

4.The pH value does not achieve the regulated value
(1)Check if the water flow is larger than normal .
Check the water flow is larger or not please .Normally ,it will be set as 1.0-1.5 L/Min .
(2)The machine does not electrolyze the water.
If you take the water to experiment when the signer light is not stable,maybe the pH value is not achieve the aim value .Please take the water after the light is stable,or after the machine work normally for 30 seconds ,it will be better.
(3)Different district ,different water quality.
It is normal that the little difference of ph value because the different source of water.So ,it is normal for the little difference between exact pH value and regulated value.

5.The light always flashes.
(1)Check the water flow pressure
when the flow pressure is not enough ,the machine will not catch it.If so ,see to 1 solution .
(2)Water flow is not stable .
(3)It is normal the light flashes when turning off tap
when turning off tap and not cut off power supply,the light will flash about 3 minutes and the machine will get into status .

6.Leak at the bottom of the machine
1、Check the ultra-filter is loaded right or not .
2、According to instructions ,remove the ultra-filter and re-loaded .
3、Machine Exhaust poor
Please follow the steps on the machine Exhaust:
1) power outages, turn off the inlet water, and then connect the machine drum with the pre-filter is disconnected;
2) Open the inlet water, a separate barrel to pass the pre-filter water, until the pre-filter oil out of a steady flow outlet
Out, and there is no bubble;
3) Turn off inlet water, the machine drum with the pre-filter to re-connect well;
4) Open the inlet water to observe the machine is normal water, if the problem persists, please contact the after-sales service.

7.One of the tube does not work
(1)The pressure of raw water is low ,it will cause one of the tubes not to work
(2)Check if the tube for acid water is in good condition .

Solutions of Common fault

1.Water flow is less than before or there is not display for water flow .

(1) Check the water pressure

Open the tap, make water-switch to the other side to check whether the water is large enough. If less water, you can increase a booster pump to increase the pressure. Machine work required by the original water pressure for the 0.1-0.4MPa.

(2) Pre-filter element is polluted seriously.

Check the pre-filter elements:the pp contton,activated carbon and so on ,if they are polluted seriously ,the Water pressure will be smaller,it will result in small water flow.

If so,you can change the pre-filter element .

(3) Ultra-filter is blocked

Remove the old ultra-filter according to instruction, with the replacement of new ultra-filter to check whether the old one is blocked .

(4)The method for replacing pre-filter is not right .

If it is just the replacement of the pre-filter, activated carbon need to be fully washed before it can be used. When washing ,machine can not connect the water inlet to avoid pluging ultra-filter because of impurities . After finishing the washing , remove the ultra-filter according to the instruction and re-loaded, it can release gases caused by pre-filter replacement.

(5)Calcium to form the block

In hard water areas,the internal machine will be agglomeration of calcium after being used for a period. According to the instruction ,adjust the frequency of cleaning, or use washing machines for regular cleaning.

2.After turning off the tap, the tube continue to deliver water.

(1) It is natural that there is a little water from the tube for a little while.

When turning off the tap ,the machine will release gas pressure to remove the existed water in the tube.It is a special charactor.It can avoid the water will be polluted for the second time and asure that the water can be fresh when you turn on the tap again.

(2) Check if the tap is broken

If the tap is broken ,remove it and instead of a new one .

(3)Release gas pressure

Remove the water inlet from the filter machine first ,and then remove the ultra-filter according to the instruction and re-loaded .

3.The LCD does not work

(1)The machine get into the status of

when turning off the tap and not cut off power,the machine will get into status of after 3 minutes, the LCD shows nothing .When you turn on tap ,the machine will come back to working status and the LCD will also display normally.

Warning

Please those who are in the following conditions should inquire the relevant doctors or professional personnel before drinking alkaline water.

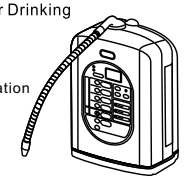
- Take medicine with alkaline water
- People catching achlorhydria
- People catching kidney dysfunction
- People receiving treatment regarding dentistry
- Poor health people

Please those who are in the following conditions should consult the relevant doctors or professional personnel before use(externally)acidic water.

- People having sensitive skin
- People being prone to irritability

Safety precaution

- Municipal tap water in use should be in accordance with " Sanitary Standard for Drinking Water Quality"（GB5749-2006）issued by Ministry of Public Health.
- Non-municipal tap water or polluted tap water employed as source water. will has great effect on filter element service life.If necessary,please ask the installation suggestion from professional personnel or the distributors.



Safety precaution

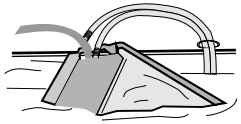
- In order to extend the life of machine, its not suggested to work more than 15 minutes continuously except for the purified level.

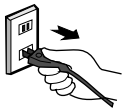
Warning

- The power plug must be drawn out when repairing the machine(except for replacememt of filter element).

Safety precaution

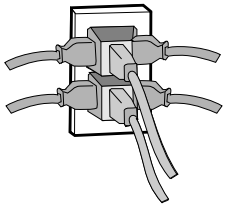
- Pull out power plug when the machine falls into water.





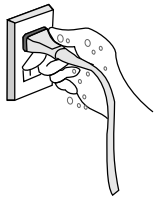
Prohibition

- Do not exceed socket and patch board norm during use.



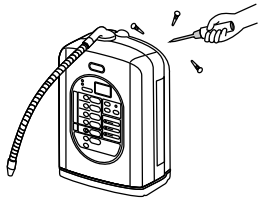
Prohibition

- Do not insert or draw socket with wet hand during use.



Prohibition

- To prevent fire,no unauthorized refitment,repair and disassembly shall be made .



How is alkaline water to be preserved?	Keep at normal temperature and in opening containers for 5-10 hours Keep at normal temperature and in airtight containers for 4-6 days. Keep for longer time if being in fridge and in airtight containers.it is best to drink the water immediately as it electrolyzed.
How is filter element to be replaced?	While the machine power is on, close inlet valve. If machine is used just now, wait for 5 minutes because there is still higher water pressure in the filter element. Then open the filter element back lid, press downwards, take the filter element out (little water flowing out is normal phenomenon). After 3 seconds, install new filter element of the same model number and specifications, then close the filter element cover.
After replacement of filter element, why is the screen in pre-replacement status?	Here are two reasons: 1. When replacing filter element, the power is off, internal CPU cannot receive signal of the replaced filter element. 2. When replacing filter element, the power is on, but replacement time is less than 3 seconds, the internal CPU can't detect the action. for solutions refer to"how is filter element to be replaced?"
Water indicator light flashes means what?	when you turn on the machine, the indicator light flashes in red means the machine is in self cleaning status but not deteced water; and 15 seconds later flashes in green means machine not detected the water or water pressure is too low(same reason when you turn off the faucet knob); when the electrolytic bath been seriously calcified or the water senser(turbine) is with problems then indicator will flash in green.(pls when the indicator light in red steadily means the machine is in cleaning status)
The outcome alkaline water flow rate becomes smaller or even without water come out,but only acidic water, or there is only purified water only, why?	First that's surely means the electrolytic cathode been seriously calcified, following reasons will lead to calcified phenomena; A: hard source tap water, suggested to use the cation resin filter to soft the water; B: users rare choose the acidic mode; C: long time no professional cleanning; D: auto cleanning frequency is too low, suggested to adjust the frequency to 3-5 L of water per time. So if you cant solve the problem personally,just contact with the local distributor for professional cleaning, it's not the products fault.
During the use,the machine jump to a lower level actimatically,why?	This is one of the characteristics of the machine.As pH value of the water cannot meet your setting requirements due to excessive water output, the machine adjusts to the proper grade automatically. At this time, you may obtain high PH value water via reducing inflow. It is usually suggested to set the machine at 1.0 to 1.5 L / minute.

General problems

What is called automatic cleaning?	It means that the machine reverses the pole automatically for cleaning electrolytic bath in every 1-50 L of water produced as the user setted.
how to deal with the phenomenon when the body Feel a slight electric shock ?	if such phenona happened, turn off the power and water immediately. To avoid more serious trouble, do not use it with difficulty. Please contact the local maintenance personnel at once.
How can we do when the machine is in automatical cleaning status?	When the machine cleans automatically or within several seconds after cleaning,water from the metal tube is acidic, for external use only, and alkaline water coming from the bottom acidic water pipe. So we just wait or take the alkaline water from the bottom acidic water pipe.
The role of reset switch	the role of resetting is to enable the CPU judging whether to replace new built-in filter.every time replace the built-in filter, the filter life bar with fully recovered again, and LCD will display 5000L for H series machine, 0L for L series machine. So if you are not intend to replace the built-in filter,pls don't remove it at random.
How to choose the alkaline water levels?	(1) A new starter suggested to use weak grade alklaine water (2) Adjust to medial grade after use 15 to 20 days. (3) Drink strong grade alkaline water may assist in curing some chronic diseases, such as high blood pressure, high blood fat and obesity etc. Normal people may use medial grade water.
During the initial period use of a new machine, there is no distinct different pH value between alkaline and tap water, is it normal?	It is normal,in the initial use, active carbon filter is in acidic, that's will neutralize the alkaline water somewhat, but which wont last too long, will disappear days later. Of course water is drinkable during the initial period.
When boiled, the alkaline water has the precipitation phenomena,	It is normal. Mineral substances in the water, such as calcium and magnesium etc., are easy to separate out and produce precipitation in alkaline environment through high heat boiling. It is best to drink un-boiled. Hot water cannot be used the source water. (sourcewater temperature must less the 40℃)
Is filter element replaced once a year?	Not completely right. Filter element service life is based on water quality and water flow. Poor water quality or high water flow has greater effect on filter element service life.

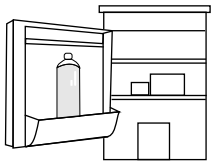
Warning

- Keep the power plug clean and dry to prevent leakage.

Notice

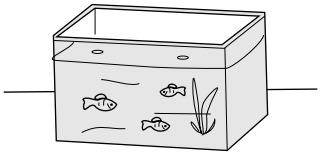
Preserve alkaline ionized water.

- To extend activity of water,please put the alkaine water in the fridge and in sealed containers.



Safety precaution

- Do not breed fish with acidic water.



Safety precaution

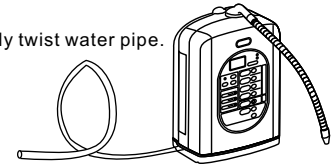
- Keep pH test solution away from ignition source.

Notice

- Do not place objects on the machine, especially liquid.

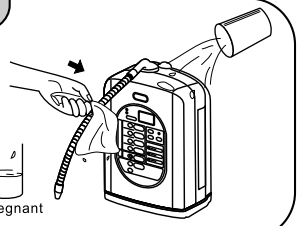
Notice

- Do not block water outlet pipe or excessively twist water pipe.



Notice

- Do not pour or sprinkle water on the machine for cleaning.
- It is not allowed to use organic solvent for cleaning the machine.



Notice

- Do not turbid water or rust water as the source water.
- The machine should be cleaned completely under the power -off condition after a longtime nonuse.

Code for error

When the machine is in mistake during use,screen will display code for various errors.

CODE FOR ERROR	DESCRIPTION	SOLUTION
E01	Chip data unavailable	Turn the machine on again,if such code still exists, send it to the professional personnel for solution
E02	Power supply signal unavailable, machine will automatically check 3 minutes later.	Turn the machine on again,if such code still exists, send it to the professional personnel for solution
E03	Electrolytic bath power undetected	Turn the machine on again,if such code still exists, send it to the professional personnel for solution
E04	voltage unnormal	Turn the machine on again,if such code still exists, send it to the professional personnel for solution
E05	voltage unnormal	Turn the machine on again,if such code still exists, send it to the professional personnel for solution
E06	Water pressure is beyond the standard	Reduce throughput of water, if such code still exists,send the machine to the professional personnel for solution.
E09	over current,the machine turns off automatically	Wait for 3 minutes,if such code still exists send the machine to the professional personnel for solution.
E 10	no water deteeted	Turn on the water valve,water passes through 10 seconds later, the trouble is eliminated.(Or use pressure-increasing vavle).
E 11	Electrolytic current is too low,try again 3 minutes late.	Turn the machine on again,if such code still exists send it to the professional personnel for solution

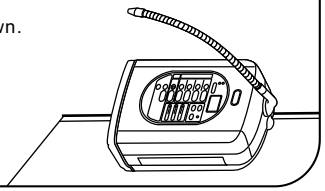
Main technical data

Rated voltage	110Vw/220/230V/240Vac/50or60Hz(optional)	
Static power	1.8W	
Maximum power	⩽150W	
Output water flow	1-5.1L / minute	
Raw water pressure	0.1-0.4Mpa pls add the valve when the water pressure is more than 0.4MPa	
Raw water temperature	2-40℃	
pH value of raw water	6.8-7.2	
Electric-shock-proof protection class	Class I	
Waterproof grade	IPX1	
Ambient humidity	⩽90%	
Dimensions (mm)	190X125X290（mm）	
Net weight(kg)	5kg	
Filter life performance	PP filer for wipe off mude,rust,particles etc viewable things	3000L
	acivated carbon filter for get riddle of chemical&improve taste	5000L
	KDF filter for heavy metal ions and chemicals	5000L
	cation resin filter for hard water/high minerals	5000L
	silver carring carbon for sterilizing&chemicals	5000L
	hollow fiber for bacterials	5000L
Pole plate materials	Titanium-platinum alloy	
Machine Performances	Electrolysis capacity ↑ Adjust orp value of raw water(+1250mv~-600mv)	
	Adjust orp value of raw water(+1200mv~-550mv)	
	Adjust orp value of raw water(+1150mv~-450mv)	
	Adjust orp value of raw water(+1100mv~-400mv)	
	Adjust orp value of raw water(+1050mv~-250mv)	
	Electrolytic bath is cleaned automatically.	
	Apply to various standard tap water quality,e.g.water with very high conductibility and salinity.	
Control mode	Microcomputer control	
The final pH and ORP value of out let water may differ according to the raw water quality.		

*注:装机前，安装人员先用水压表检测用户水压，测试2-3次,确定水压后,再决定是否安装减压阀.

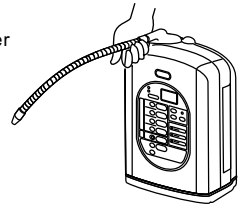
Prohibition

- In normal operation,please don't place upside down.



Prohibition

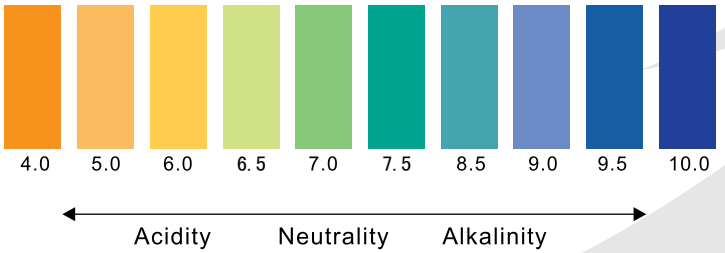
- Do not move the machine by carrying the alkaline water outlet metal tube.



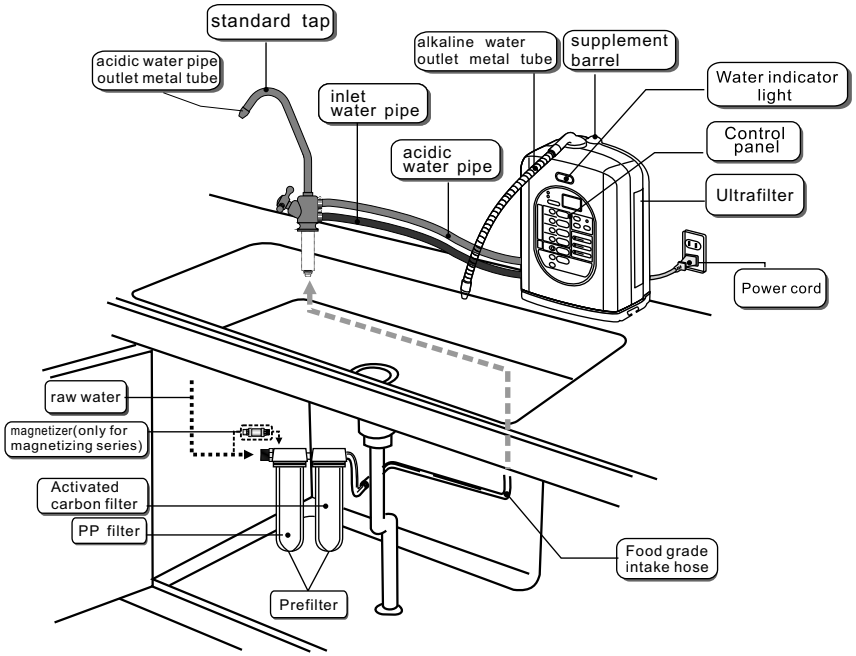
pH Value test method

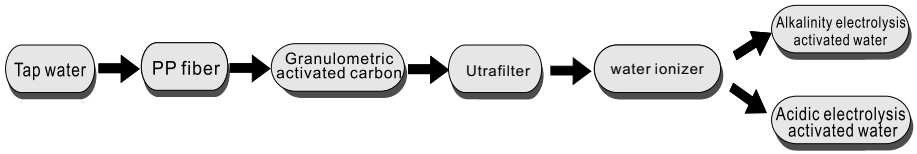
pH value test should be made every 1 or 2 months. The ionizer is provided with pH test solution used for judging alkaline water or acidic water.During normal operation of the ionizer(adjust the water flow rate to 1.2L/m), take 5ml of water,give 2 to 3 drops of test solution into the water,blue-perple colors means alkalinewater,and yellow-red color means acdicwater(please refer to the following table).

pH value color chart pH



Quick installtion guide

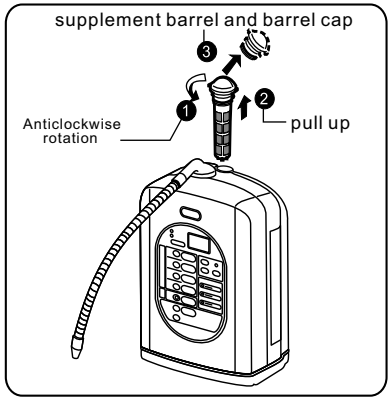


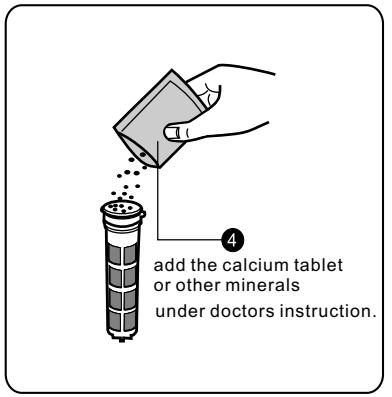


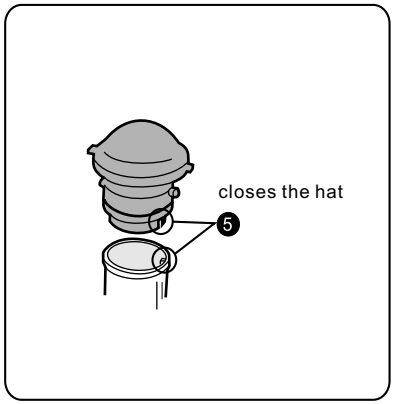
Note: ① The service life of PP filter is 3-4month, and activatd carbon filter life is 5-6month.
② Built-in UF filter ability: 5000L(5tons)/8-10month

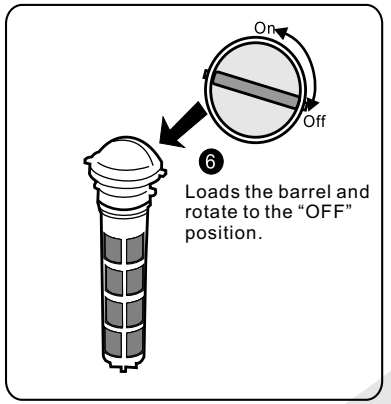
Explanation: ① The service life in above is estimated based on 20L/day and tap water quality must in accordance with"sanitary standard for drinking water quality"declared by the local goverment.
② Obviousely reduced flow of water or odor test of the alkaline water indicates that your filter may need replacement regardless that your machine display shows are still some filter life.

Optional supplement







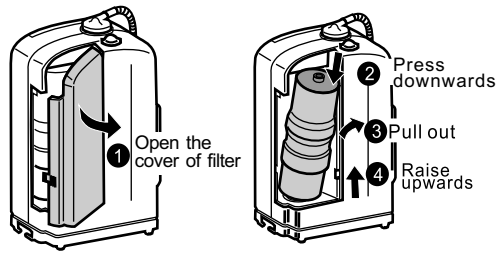


Users can also add the other soluable minerals which are edible, to meet the need of various minerals and the trace elements required by human body.

Replacement of ultrafilter element

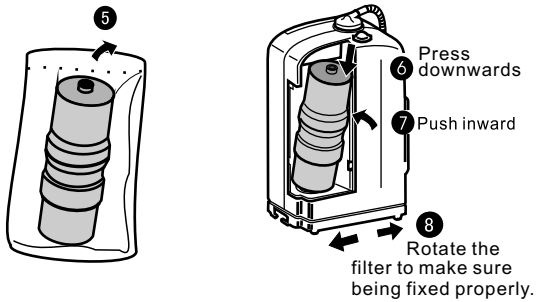
When replacing the ultrafilter,please disconnect the water inlet pipe with the tap. because the rudimental water pressure wil lead to the water sputter.

1

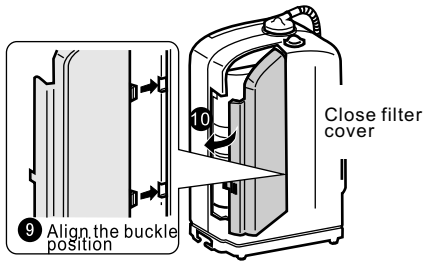


2

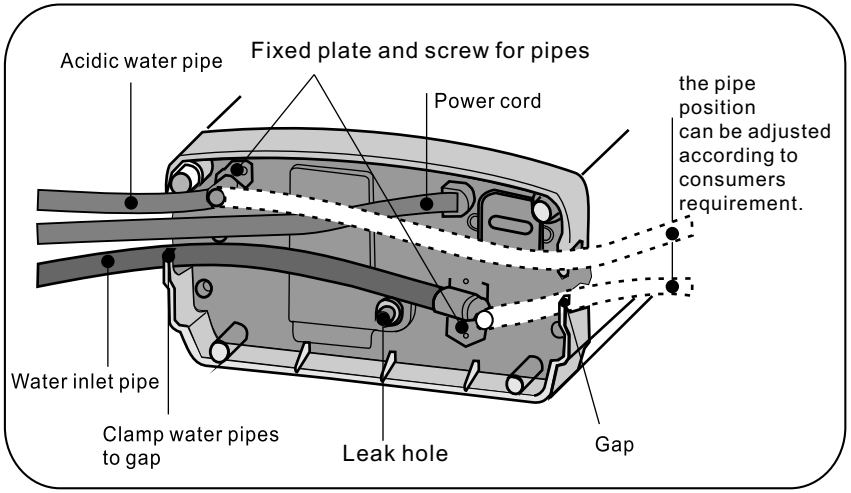
Take out the new filter element



3

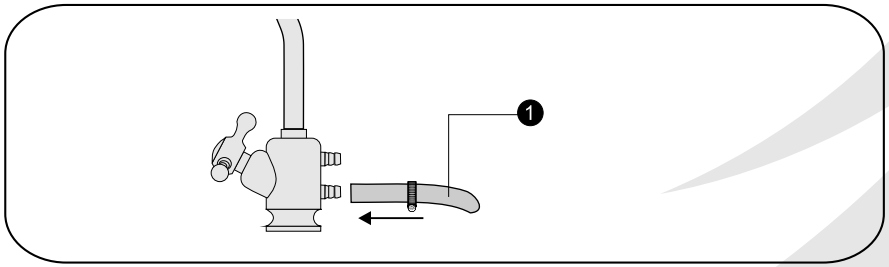


Bottom line diagram

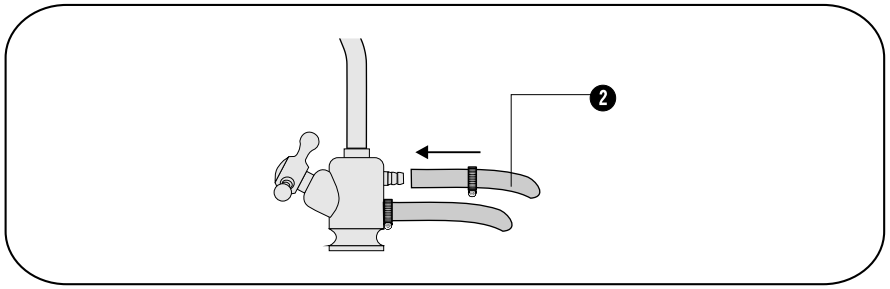

Acidic water pipe
Fixed plate and screw for pipes
Power cord
the pipe position can be adjusted according to consumers requirement.
Water inlet pipe
Clamp water pipes to gap
Leak hole
Gap

Tap hose connection

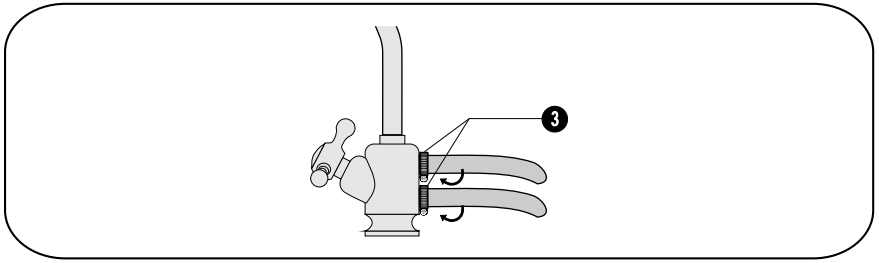
Insert the inlet water hose into the bottom metal arm on the tap as the following drawing shows.



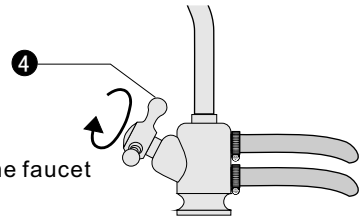
Insert the acidic water hose into the top metal arm on the tap as the following drawing shows

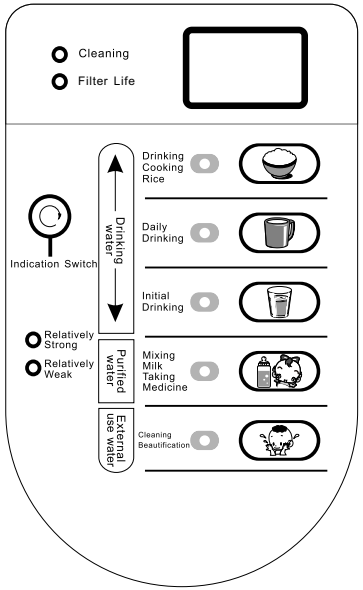


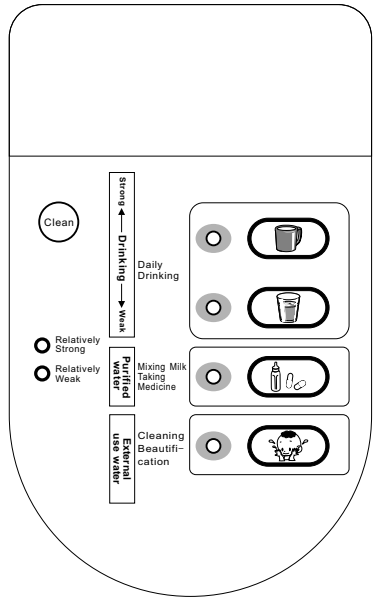
Screw up the metal clamp to the end of the inlet water hose and acidic water hose seperately as the following drawing shows.



Regulate the water flow rate by control the faucet valve as the following drawing shows.





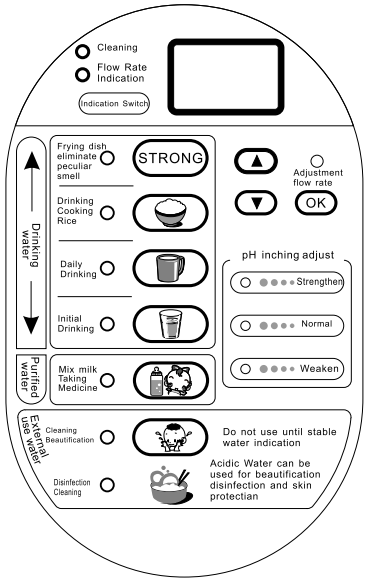


Recommend usages	Explanation
Drinking,cooking	Potable water
Daily drinking	
Initial drinking	
Take medicine, mix milk	Purified water
Washing face, beautification	Not drink directly (for external use)

Recommend usages	Explanation
Daily drinking	Potable water
Take medicine, mix milk	Purified water
Washing face, beautification	Not drink directly (for external use)

Panel control instruction

The pH value of outcome water may not be in accordance with the specified data on the lcd display because various regions may have different tap water quality, it's a normal phenomena.



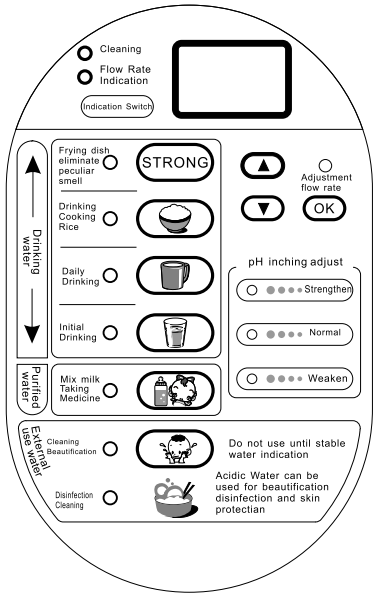
Recommend usages	Explanation	pH fine adjustment
Frying dish,eliminate peculiar smell	Drinking under the doctor's suggestion	Yes
Drinking,cooking	Potable water	Yes
Daily drinking		
Initial drinking		
Take medicine, mix milk	Purified water	No
Washing face, beautification	Not drink directly (for external use)	Yes
Disinfection, cleaning	Not drink directly (for external use)	No

Initial usage

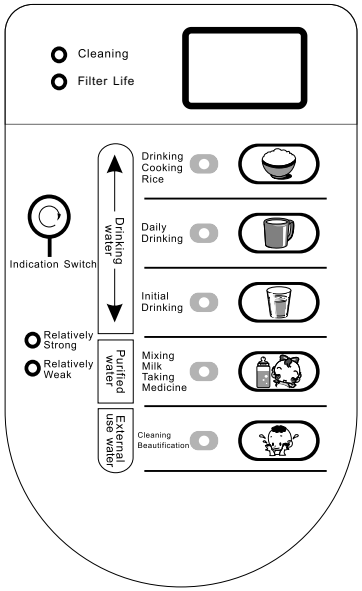
1) Please check your machine comes with the prefilter or not, if yes, before install the machine, the prefilter should conected with tap water and flushed with sufficient water for at least 10 minutes(black water outflow during cleaning is normal); if no, just connect the inlet water pipe to the detach valve(referto**<**Quick installtion guide**>).**
2) Connect the inlet hose to the prefilter and the tap.
3) Fix the acidic water outlet hose.
4) Insert the power plug to the correct AC power socket. after a flash of all the indicator lights accompanied with a "Di"sound,the machine come into the self cleanning status for 15 seconds;then machine will enter into purified level automatically. And LCD display is 5000L(0L for L series).(no operation for 3 minutes the water ionizer will be in sleep status)
5) Open the tap water faucet knob,signal indicator will falshes in green untill the machine detected the water.
6) choose the alkaline mode buttons on the panel,it's corresponding indicator light will turn on and responding with a "Di"sound. 5-10 seconds later,the alkaline water outlet metal tube and the acidic water outlet metal tube comes with the desired alkaline and acidic water seperately.(choose the acidic water mode, it will reversed).
7) When the machine works properly, press the "indication switch" button,current out-put of water flow rate is displayed on the screen. (Press ▲or▼ button to set needed output water volumn,then press OK button, meanwhile you should take the output water till the machine give a "Di"sound, which means you achieved the setted volumn of water)
8) when finished the using, just turn off the tap water faucet knob, rest water in machine will drains out automatically.
9) pls replace a new built-in filter when LCD display "0L"("L" series display "5000L") and give the alarm sound.
10) for replacement method ,please refer to< Replacement of ultrafilter element>.

Machine operation and setup

"H" series including: HJL-618AA/HJL-618BB/HJL-618A/HJL-618B
"L" series including: HJL-619/HJL-816/HJL-618CC/HJL-618DD



"H" series



"L" series

1.0 Intensity-setting mode

1.1: A:"H" Series Machine by Pressing and holding the key of frying dish/eliminate peculiar smell and the key of indication switch at the same time.
B: "L" Series Machine by pressing and holding the key of drinking/cooking rice and the key of indication switch at the same time.
1.2: Put the plug to the power socket, keep holding the above 2 keys for 4 seconds then loose them, the screen is showing the number of "7.0" on it .
1.3: Choose the level need to be setted.
For example: press the key of drinking and cooking rice , then the screen is showing the number of "9.5" on it.
1.4: The intensity adjusting
For example: "H" Series Machine by Press ▲ key, the status strip below the number of 9.5 which is showing on the screen will be increased; Press ▼ key, the status strip will be decreased."L" Series Machine by keep pressing the key the level you've chosen to make increase and decrease.10 strips is the strongest level, 1 strip is the weakest level. factory setting mode is 5 strips.

1.5:Saving the setting
For example: after choosing the suitable intensity for the adjusting level, "H" Series Machine by press the key of OK ;"L" Series Machine by pressing the key of indication switch to save the above setting.
1.6: if need to setting the other level , please go back to the step of 1.3.
1.7: switch off the power supply, and restart the machine.

2.0 Self-cleaning frequency setting mode

2.1: As same as the setting steps of 1.1-1.2.
2.2: Press the key of mixing milk taking medicine, and the screen is showing the number of "15" on it.
2.3: self-cleaning frequency adjust.
Remark: "H" Series Machine by press ▲ key, the status strip on the screen will be increased; press ▼ key, the status strip on the screen will be decreased. the unit is "liter"
"L" Series Machine by pressing the key of drinking/cooking rice continuously to make increase and decrease.
Range: can choose from 1 to 50 liters (default for 15 liters)Cleaning frequency: please check the details from the below explanation.
2.4: Saving the setting (as same as the 1.5 saving the setting)
2.5: Switch off the power supply, and restart the machine.
2.6:Finish the setting

Explanation:
Self-cleaning :it means after making some quantity of alkaline water, the machine will self-cleaning for 15seconds automatically.
For example: if you setting the quantity is "15", it means after making 15 liters of alkaline water, the machine will self-cleaning for 15 seconds automatically.（on the status of power on ）

3.0 Factory setting mode

3.1: "H" Series Machine by pressing and holding the key of ▲ and ▼ in the same time. "L" Series Machine by pressing the key indication switch and the key of daily drinking the same time
3.2: Put the plug to the power on, press and hold the above 2 keys for 4 seconds then loose them, at this time you will hear the"Di"sound for four times.
3.3: Finish the setting
3.4: Enter into the normal using mode.

Explanation:
1:In order to acclimate all kinds of water quality for difference kinds of place, when user can not satisfy for the factory setting mode, user can make the self-setting for the machine by following the ‹‹1.0 of idensity-setting mode », for the place of hard water quality, it has some crystallization inside the machine after using for long time. at this situation, user can make the self-cleaning for the machine by following the ‹‹2.0 of Self-cleaning frequency setting mode », set up the self-cleaning frequency according to the water quality, to avoid or reduce the machine to be crystallization inside.
2:when the setting has been confused, can come back to the original factory setting mode by following the ‹‹3.0 of factory setting mode ».
3: in some special area ,if the machine keep working overtime, the machine will come into the protective status automatically, the light of purified water level is flashing at this moment , and if you press the other key, it will not have any effect. It is not means that the machine is broken. at this time, if you stop the water from the tap(can keep the power on),about 30 minutes later, reopen the tap and make the water come into the machine, if the lighting of purified water level is not flashing anymore. it means the machine come back to the normal situation.
4:when setting the key of frying dish and eliminate peculiar smell and the key of cleaning beautification tobe the strongest level,(it means 10 status strips on the screen),we do not suggest the machine work continuously more than 15 minutes when it works in the above two levels.